

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: HADLACZKY *et al.*

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For: *ARTIFICIAL CHROMOSOMES, USES
THEREOF AND METHODS FOR
PREPARING ARTIFICIAL CHROMOSOMES*

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Date

Jayshree Aiyar Gerken

AMENDMENT

Commissioner for Patents
U.S. Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Responsive to the Office Action mailed November 7, 2002, please amend the application as follows:

IN THE CLAIMS:

Please cancel claims 2, 3, 5, 8, 28 and 33 without prejudice or disclaimer.

Please replace claims 11, 16 and 20 with amended claims 11, 16 and 20 as follows (a marked-up copy of the claims is attached to this amendment):

11. (Amended) The method of claim 1, wherein the SATAC is produced by a method, comprising:

introducing a DNA fragment into a cell, wherein the DNA fragment comprises a selectable marker;

growing the cell under selective conditions to produce cells that have incorporated the DNA fragment into their genomic DNA, whereby a satellite artificial chromosome is produced; and

selecting a cell that comprises the satellite artificial chromosome (SATAC).